

PRC-2090 HF Tactical Manpack General Specifications

Frequency range	1.6 MHz to 30 MHz Tx, 250 kHz to 30 MHz Rx*
Channel capacity	Up to 500 programmable channels
Operating modes	J3E (USB, LSB) – H2B (AM) – J2A (CW) – J2B (AFSK)
Frequency stability	±0.5 ppm (±0.3 ppm optional)
Sensitivity	-120 dBm (0.224 µV) for 10 dB SINAD – J3E Mode pre-amp on
Frequency hopping	5 or 25 hops per second
RF connections	Whip or long wire using internal automatic antenna tuner or 50 ohms connector
RF output power	30 W PEP, 10 W PEP (125 W PEP) when in vehicle or base docking station (voice duty cycle only)
Operating temperature	-30°C to +70°C humidity 95% relative, non condensing
Programming	RS-232
Weight	2090 transceiver with 10 Ah Lithium Ion battery cartridge 5.22 kg
Standards	Meets AS/NZS4770:2000, CE, MIL-STD 810G for immersion, shock, vibration, dust and spray

*reduced sensitivity 250 kHz to 500 kHz

Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.